

09/28/01
JC976 U.S. PTO

1081-01

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 42390.12323

(maximum 12 characters)

First Named Inventor Niels Beier, et al.

Title: Tagging Packets With a Lookup Key to Facilitate Usage of a Unified Packet Forwarding Cache

Express Mail Label No. EL 886506972 US

ADDRESS TO: **Assistant Commissioner for Patents**
Box Patent Application
Washington, D. C. 20231

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. Applicant Claims Small Entity Status. (37 CFR 1.27)
3. Specification (Total Pages 33)
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table,
or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawings(s) (35 USC 113) (Total Sheets 9)
5. Oath or Declaration (Total Pages 5)
 - a. Newly Executed (Original or Copy)
 - b. Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 17 completed)
 - i. DELETIONS OF INVENTOR(S) Signed statement attached deleting
inventor(s) named in the prior application, see 37 CFR 1.63(d)(2)
and 1.33(b).
 - c. Unsigned.
6. Application Data Sheet. (37 CFR 1.76)
7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

jc857 U.S. PTO
09/967084

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09/967084

9. **Assignment Papers (cover sheet & documents(s))**
 10. a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
 b. Power of Attorney
 11. English Translation Document (if applicable)
 12. a. Information Disclosure Statement (IDS)/PTO-1449
 b. Copies of IDS Citations
 13. **Preliminary Amendment**
 14. **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**
 15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
 16. **Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.**
 17. Other: _____

18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP)
 Of Prior Application No.: _____ Examiner _____ Group Art Unit _____

(which is a continuation/ divisional/ CIP of prior application no. _____,
 which is a continuation/ divisional/ CIP of prior application no. _____) (List entire chain of priority)

For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18B. Statement under 37 CFR 3.73(b) for continuing application:

The undersigned states that _____ (name of assignee) is the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment recorded in the Patent and Trademark Office at Reel. No. _____ Frame No. _____ (or a copy of which is attached).

19. Correspondence Address

Customer Number or Bar Code Label _____
 or _____ (Insert Customer No. or Attach Bar Code Label here)
 Correspondence Address Below

NAME Michael A. DeSanctis

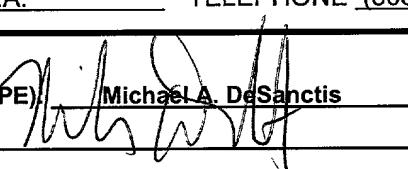
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard

Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

Country U.S.A. TELEPHONE (303) 740-1980 FAX (303) 740-6962

Name (PRINT/TYPE):	<u>Michael A. DeSanctis</u>	Registration No.:	<u>39,957</u>
Signature:			
	Date: <u>9/28/01</u>		

FEE TRANSMITTAL FOR FY 2001TOTAL AMOUNT OF PAYMENT (\$) \$ 1,086.00**Complete if Known:**Application No. UnassignedFiling Date Concurrently HerewithFirst Named Inventor Niels Beier, et al.Group Art Unit Not yet assignedExaminer Name Not yet assignedAttorney Docket No. 42390.12323**METHOD OF PAYMENT** (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666
Deposit Account Name _____ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed: Check
 Credit Card
 Money Order
 Other

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity	Small Entity			
Fee	Fee	Fee	Fee	
Code	(\$)	Code	(\$)	<u>Fee Description</u>
101	710	201	355	Utility application filing fee
106	320	206	160	Design application filing fee
107	490	207	245	Plant filing fee
108	710	208	355	Reissue filing fee
114	150	214	75	Provisional application filing fee
				<u>SUBTOTAL (1) \$ 710.00</u>

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims <u>32</u>	<u>- 20** = 12</u>	<u>X 18.00</u>	<u>= 216.00</u>
Independent Claims <u>5</u>	<u>- 3** = 2</u>	<u>X 80.00</u>	<u>= 160.00</u>
Multiple Dependent			

**Or number previously paid, if greater; For Reissues, see below.

Large Entity	Small Entity	
Fee	Fee	
Code	(\$)	<u>Fee Description</u>
103	18	203 9 Claims in excess of 20
102	80	202 40 Independent claims in excess of 3
104	270	204 135 Multiple dependent claim, if not paid
109	80	209 40 **Reissue independent claims over original patent
110	18	210 9 **Reissue claims in excess of 20 and over original patent
		<u>SUBTOTAL (2) \$ 376.00</u>

FEE CALCULATION (continued)

3. ADDITIONAL FEES

<u>Large Entity</u>		<u>Small Entity</u>			
Fee Code	Fee (\$)	Fee Code	Fee (\$)	<u>Fee Description</u>	<u>Fee Paid</u>
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive – unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	130	123	130	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	For filing a submission after final rejection (see 37 CFR 1.129(a))	
149	710	249	355	For each additional invention to be examined (see 37 CFR 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

Other fee (specify)

SUBTOTAL (3) \$

***Reduced by Basic Filing Fee Paid**

SUBMITTED BY:

Typed or Printed Name

Michael A. DeSanctis

Signature:

Date:

Req. Number: 39-957

Telephone Number: 303-740-1980

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

EXPRESS MAIL CERTIFICATE OF MAILING
"Express Mail" Mailing No. EL 886506972 US

I hereby certify that I am causing the above-referenced correspondence to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated below and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231

Assistant Commissioner for Patents, Washington, D.C. 20231
Date of Deposit: September 28, 2001 **Name of Person Mailing Correspondence:** Fran C. Rolfsen

Date of Deposit: September 26, 2001 Name of Person Making Deposit/Signature: John Smith

9-28-01

Signature _____ Date _____

Signature _____ Date _____

Digitized by srujanika@gmail.com

Serial/Patent No.: Unassigned Filing/Issue Date: Concurrently
Client: Intel Corporation
Title: Tagging Packets With a Lookup Key to Facilitate Usage
of a Unified Packet Forwarding Cache
BSTZ File No.: 42390.12323 Atty/Secty Initials: EHT/MAD/fr
Date Mailed: 9-28-01 Docket Due Date: _____
The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:
 Amendment/Response (____ pgs.) Express Mail No. EL886506972US Check No. 1944
 Appeal Brief (____ pgs.) (in triplicate) Month(s) Extension of Time Amt: \$1,086.00
 Application - Utility (33 pgs., with cover and abstract) Information Disclosure Statement & PTO-140 (4 pgs.) Check No. _____
 Application - Rule 1.53(b) Continuation (____ pgs.) Issue Fee Transmittal Amt: _____
 Application - Rule 1.53(b) Divisional (____ pgs.) Notice of Appeal _____
 Application - Rule 1.53(b) CIP (____ pgs.) Petition for Extension of Time _____
 Application - Rule 1.53(d) CPA Transmittal (____ pgs.) Petition for _____
 Application - Design (____ pgs.) Postcard _____
 Application - PCT (____ pgs.) Power of Attorney (____ pgs.) _____
 Application - Provisional (____ pgs.) Preliminary Amendment (____ pgs.) _____
 Assignment and Cover Sheet Reply Brief (____ pgs.) _____
 Certificate of Mailing Response to Notice of Missing Parts _____
 Declaration & POA (5 pgs.) UNSigned Small Entity Declaration for Indep. Inventor/Small Business _____
 Disclosure Docs & Orig & Cpy of Inventor's Signed Letter (____ pgs.) Transmittal Letter, in duplicate _____
 Drawings: 9 # of sheets includes 11 figures Fee Transmittal, in duplicate _____
 Other: Cited art: 2 articles

EL886506972US

"Express Mail" mailing label number: EL 886506972 US

Date of Deposit: September 28, 2001

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231

Fran C. Rolfsen
(Name of person mailing paper or fee)

Fran C. Rolfsen
(Signature of person mailing paper or fee)

9-28-01
(Date signed)